

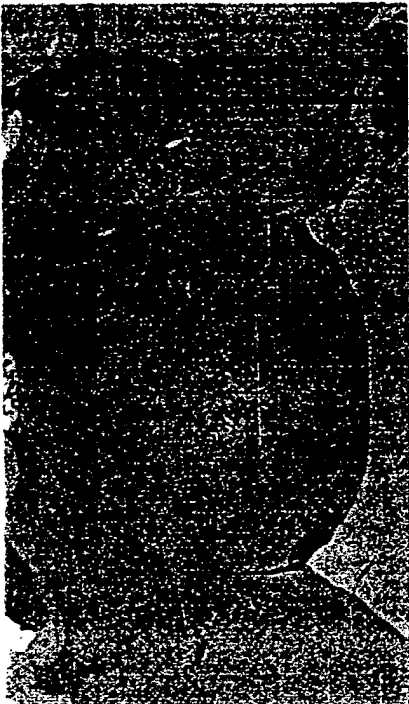
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A LINE (A/A) OBESE MICE

Syndecan-1 mRNA derived from the transgene is expressed in the anterior and posterior hypothalamic nuclei that regulate body weight.

Proteoglycan

mRNA



Anterior



Posterior

**HYPOTHALAMIC EXPRESSION:**  
Anterior: Paraventricular, Suprachiasmatic, Supraoptic Lateral Nuclei  
Posterior: Arcuate, Dorsomedial, Lateral Nuclei